SCH4U: Chemical Systems & Equilibrium – Unit Plan

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| 7.1 Dynamic Equilibrium in Chemical Systems Minds-On Activity | 7.2 Equilibrium Law in Chemical Reactions | 7.3 Qualitative Changes in Equilibrium Systems | 7.3 Lab: Testing Le Chatelier’s Principal | 7.5 Quantitative changes in equilibrium systems |
| 7.5 Quantitative changes in equilibrium systems  Quiz Review | Quiz #1  7.6 the solubility product constant | 7.6 the solubility product constant | 7.7 energy and equilibrium: the laws of thermodynamics | 7.7 energy and equilibrium: the laws of thermodynamics |
| 8.1 The nature of acid-base equilibria | 8.1 The nature of acid-base equilibria  In-class case study assignment (STSE | 8.1 Lab: Determining the pH of common substance | 8.2 weak acids and bases | 8.2 weak acids and bases |
| 8.3 acid-base properties of salt solutions  Quiz Review | Quiz #2  8.3 acid-base properties of salt solutions | 8.4 acid-base titration | 8.4 acid-base titration  In-class case study assignment (STSE | 8.5 buffers |
| Test Review | Unit Test |  |  |  |